CLAIMS:

1. An image display method comprising the steps of:

(a) successively receiving a plurality of pixel data representing an image;

(b) generating image data representing a picture on the basis of the pixel data, which has been received and represents a part of the picture, at predetermined intervals;

(c) obtaining a quantity relevant to gradation of the picture represented by the image data generated at step (b);

(d) altering gradation processing condition of the image data on the basis of the quantity relevant to gradation obtained at step (c);

(e) executing gradation processing of the image data generated at step (b) in accordance with the gradation processing condition altered at step (d); and

(f) displaying the picture by using the image data obtained at step (e).

2. An image display method according to claim 1, wherein step (a) includes successively receiving the plurality of pixel data through a network.

3. An image display method according to claim 1, wherein step (a) includes successively receiving the plurality of pixel data representing an image photographed by radiography and read by a scanner.

4. An image display method according to claim 1, wherein step

(c) includes obtaining the quantity relevant to gradation of the picture by using an average value of the pixel data received at step (a);

5. An image display method according to claim 1, wherein steps (b) and (c) are repeated by one of a pixel unit, a line unit and a block unit.

6. An image display method according to claim 1, wherein step (d) includes translating the gradation processing condition in parallel, which has been initially set in a look-up table, in accordance with difference between predetermined display brightness and the quantity relevant to gradation obtained at step (c).

7. An image display method according to claim 1, wherein, when the quantity relevant to gradation obtained at step (c) is within a predetermined range from the quantity relevant to gradation obtained at the last time, the gradation processing condition set in the look-up table is not altered at step (d).

8. An image display apparatus comprising:

first means for successively receiving a plurality of pixel data representing an image;

second means for generating image data representing a picture on the basis of the pixel data, which has been received and represents a part of the picture, at predetermined intervals;

third means for obtaining a quantity relevant to

gradation of the picture represented by the image data generated by said second means;

fourth means for altering gradation processing condition of the image data on the basis of the quantity relevant to gradation obtained by said third means;

fifth means for executing gradation processing of the image data generated by said second means, in accordance with the gradation processing condition altered by said fourth means; and

sixth means for displaying the picture by using the image data obtained by said fifth means.

9. An image display apparatus according to claim 8, wherein said first means successively receives the plurality of pixel data through a network.

10. An image display apparatus according to claim 8, wherein said first means successively receives the plurality of pixel data representing an image photographed by radiography and read by a scanner.

11. An image display apparatus according to claim 8, wherein said third means obtains the quantity relevant to gradation of a picture by using the average value of the pixel data received by said first means.

12. An image display apparatus according to claim 8, wherein:

said second means generates the image data by one of a pixel unit, a line unit and a block unit; and

said third means obtains the quantity relevant to gradation of a picture by one of the pixel unit, the line unit and the block unit.

13. An image display apparatus according to claim 8, wherein said fourth means translates the gradation processing condition in parallel, which has been initially set in a look-up table, in accordance with difference between predetermined display brightness and the quantity relevant to gradation obtained by said third means.

14. An image display apparatus according to claim 8, wherein, when the quantity relevant to gradation obtained by said third means is within a predetermined range from the quantity relevant to gradation obtained at the last time, the gradation processing condition set in the look-up table is not altered by said fourth means.